
Positioning and leveling equipment

Columns normally stand on adjustable feet that provide leveling capability and ground isolation. However, casters are available and can be used for two-tier columns. If a third module is added to a column with casters, the casters must be replaced with leveling feet.

Note: If earthquake bracing is required, go to “Installing earthquake bracing” on page 341 to install column and floor bracing and to position and level equipment. When those procedures are complete, return to Step 4 or Step 5 (as applicable) in the initial installation procedure.

- 1 Check the equipment room floor plan to position columns.
- 2 Do the following to level a column:
 - a Remove the front and rear exhaust grills.
 - b Remove the front and rear air intake grills.
 - c Position a level across the top module cover on the front of the column.
 - d Loosen the locking nuts on the feet.
 - e Adjust the feet on each pedestal up or down to level the column.
 - f Tighten the locking nuts.
 - g Perform steps *a - e* for leveling the rear of the system.

Note: Leave at least 1.27 cm (1/2 in.) between the floor and the bottom of the pedestal for air flow required by the blower unit.

- 3 For a multiple-column system**, install NT8D49 Spacer Kits between columns:
- a** Remove the front and rear module covers.
 - b** Remove the front and rear intake grills, if not already removed.
 - c** Remove the trim plates from the module side where the spacer will be attached by removing the four screws securing the trim plates to the module.
 - d** Remove the side panel from the module's side where the spacer is being attached by removing the four screws securing the side panel to the module.
 - e** Attach gaskets to both sides in the front section of each spacer (see [Figure 13](#)).
 - f** Attach a spacer to one side of each module, except the end column (see [Figures 14](#) and [15](#)).
 - Position a spacer against the module.
 - Insert one standoff between the spacer and module.
 - Insert the one screw and tighten.
 - Repeat the process for the remaining standoff and screws.

CAUTION

Do not try to adjust the horizontal position of a column by tightening the spacer screws. Tightening the screws with the columns too far apart will warp the spacer.

- g** One at a time, push columns together, level, align, and attach the other side of the spacers.

Figure 13
Positioning spacer gaskets

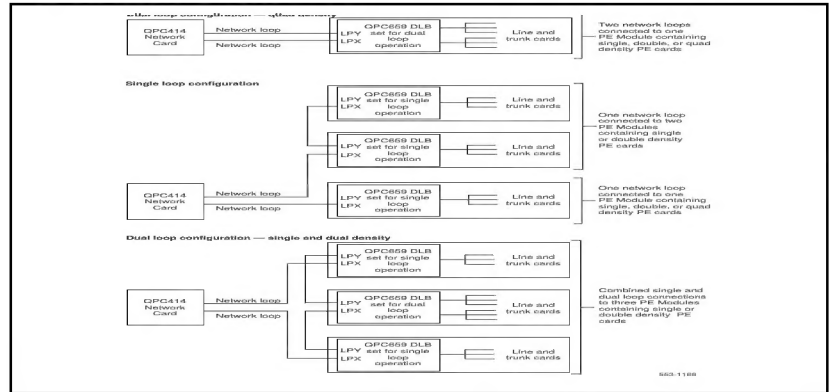


Figure 14
Spacer positioning

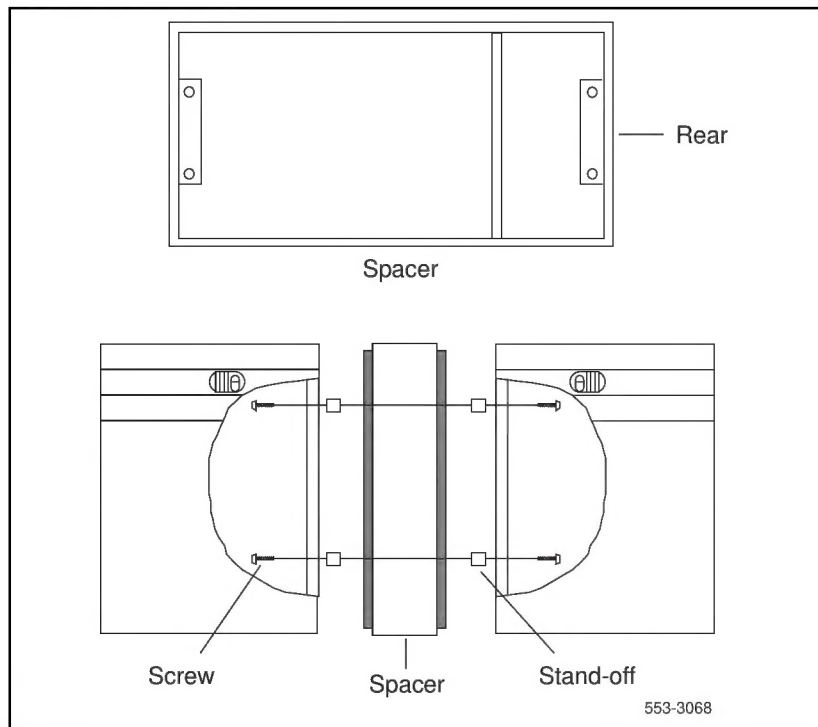


Figure 15
Column positioning with spacers

